

Dr R M Clarke

**Question 1**

*Do stakeholders agree with the proposals for the award of licences in the 10GHz, 28GHz and 32GHz bands in 2007?*

Answer 1: **NO**

**Question 2**

*Do stakeholders agree with the proposal to include in the award of the 32GHz band that portion of the band that has been open since 2003 for point-to-point applications?*

Answer 2: **YES**

**Question 3**

*Do stakeholders agree with the proposal to defer the release of the 40GHz band and review the position in two years' time?*

Answer 3: **YES**

**Question 4**

*Do stakeholders have any other comments on the contents of this document?*

Answer 4: Ofcom plans to sell the spectrum between 10.475 and 10.500GHz.

This plan includes the top half of the internationally agreed amateur satellite service 10GHz allocation. The allocation was recently used by the A0-40 amateur radio satellite. It will also be used by a series of amateur satellites currently under construction, including P3E and the amateur Mars Orbiter.

The commercial user would be allowed to run up to 55dBW. Such high power transmissions would wipe out the weak satellite signals received by amateurs. Even worse, because of lax rules Ofcom has set on out-of-band emissions, the lower half of the amateur satellite 10GHz allocation could also be hit by the transmissions.

According to the consultation document, the commercial user will not be obliged to prevent interference to amateur radio users of the band. However, any amateurs using the allocation will have a duty to prevent interference to the commercial user. This plan is clearly unacceptable, and is contrary to international agreements to which the UK is a signatory.